

Tabular Report of PLR C12S-026 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 17
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 07/26/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 318.0 Ft	From C12S-025	Depth 20.00 Ft
Shape Circular	Size 8 by ins	To C12S-026	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Up	
Lining	Year laid	Pre-clean	Last Cleaned
General note extra sections tv to assess condition		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Hydraulic
		Constructional	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-025
00000	0.0		WL Water level				3	
	32.5		CN Service Connection		02			
	68.6		CN Service Connection		11			
	108.0		CN Service Connection		02			
	143.8		CN Service Connection		10			
	183.5		CN Service Connection		02			
	206.0		CN Service Connection		10			
	255.5		CN Service Connection		02			
	278.3		CN Service Connection		02			
	314.2		CB Break in Connection		02			
	314.2		CR Roots from lateral	L	02			
	314.2		CRA Roots around Lateral	S	02			
	315.2		CCJ Circular Crack at joint	S	12	11		
	318.0		MH Manhole/Node					C12S-026
	318.0		FH Finish of Surveys					END

318.0 Ft Total Length Surveyed

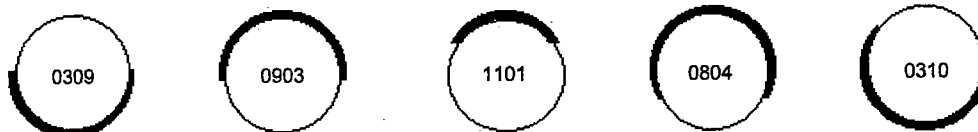
Scores

Structural:	Total 100	Mean Defect 50	Peak 100	Mean Pipe 0.3
Service:	Total 95	Mean Defect 31.7	Peak 95	Mean Pipe 0.3

Notes

Extra section 1 lateral w/ roots from it (L) and from around the tap (S) also a cir. crack at a joint near the d/e m/h.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See illustration below



City of San Diego Phone: Fax:

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE													
Intersection													
Location Description										Water/Sewer			
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)										S			
Cross Street Name													
SR #		WO #		Status	Gen Dt	Prty							
3000622		12		CMP	09/25/07	2							
Fac Type		Fac Seq #											
MAIN		8306											
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch													
Requestor Name		Area		Phone #		Contact							
						N							
ES Service Area		Service Area		Field Book Pg		Grid							
W		RC		C12S									
Radio#		Orig Radio#		Thos Bros Pg									
946				1248A2									
Job Description													
RE-TV TO MONITOR MAINS													
Special Instructions													
ENVIRONMENTALLY SENSITIVE AREA. PERMITS MAY BE REQUIRED. CONTACT YOUR SUPERVISOR FOR INSTRUCTIONS.													

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used		
Equip Nbr	Hours	Equipment Type	Operated	Hours
			<input type="radio"/> Yes <input type="radio"/> No	
			<input type="radio"/> Yes <input type="radio"/> No	
			<input type="radio"/> Yes <input type="radio"/> No	

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
9/26/2007 09:14:00	9/26/2007 09:14:00	METRO WASTE WATER DEPT	8203	3	1

Service Request Comments
<p>PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL</p> <p>PGED 758..JKL</p> <p>PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF</p>

Work Order Comments
<p>TV'D MAIN GOING D/S AND FOUND MAIN TO HAVE SMALL ROOTS AT SOME JOINTS AND SMALL TO MEDIUM ROOTS FROM SOME LATERALS.</p>

Tabular Report of PLR C12S-025 B for City Of SD

Work Order 3000622	Contract	Video cd	Setup 18
Facility 8306	Operator parker	Van Ref 303005	Surveyed On 09/26/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 320.0 Ft	From C12S-025	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-024	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note re-tv to monitor mains		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
		Hydraulic	

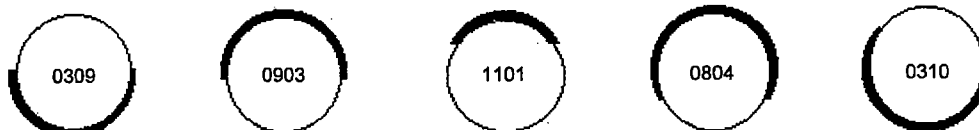
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-025
00000	0.0		WL Water level				3	
	6.9	CN	Service Connection		02			
	42.9	CN	Service Connection		10			
	62.5	CN	Service Connection		02			
	80.4	CMJ	Cracks multiple at joint	S	02			
	83.8	CCJ	Circular Crack at joint	S	03	06		
	83.9	RJ	Roots at joint	S				
	85.0	RJ	Roots at joint	S				
	124.7	CN	Service Connection		10			
	124.7	CR	Roots from lateral	M	10			
	127.8	CN	Service Connection		02			
	127.8	CR	Roots from lateral	M	02			
	128.6	RJ	Roots at joint	S				
	193.8	CN	Service Connection		02			
	193.8	CR	Roots from lateral	S	02			
	194.8	RJ	Roots at joint	S				
	203.6	CN	Service Connection		10			
	203.6	CR	Roots from lateral	S	10			
	238.6	RJ	Roots at joint	S				
	263.1	CN	Service Connection		02			
	278.6	CN	Service Connection		11			
	324.0	MH	Manhole/Node					C12S-024
	324.0	FH	Finish of Surveys					END

324.0 Ft Total Length Surveyed

Notes	Scores	Structural:	Total 200	Mean Defect 100	Peak 100	Mean Pipe 0.6
		Service:	Total 265	Mean Defect 26.5	Peak 50	Mean Pipe 0.8

Roots at some joints (S) and from some laterals (S,M).

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE													
Intersection													
Location Description												Water/Sewer	
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)												S	
Cross Street Name													
SR #		WO #		Status	Gen Dt	Prt							
3000622		13		CMP	09/25/07	2							
Fac Type				Fac Seq #									
MAIN				8307									
Requestor Name													
Area				Phone #				Contact					
								N					
ES Service Area				Service Area				Field Book Pg				Grid	
W				RC				C12S					
Radio#				Orig Radio#				Thos Bros Pg					
946								1248A2					
Job Description													
RE-TV TO MONITOR MAINS													
Special Instructions													
ENVIRONMENTALLY SENSITIVE AREA. PERMITS MAY BE REQUIRED. CONTACT YOUR SUPERVISOR FOR INSTRUCTIONS.													

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
9/26/2007 12:00:00	9/26/2007 13:00:00	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments
<p>PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL</p> <p>PGED 758..JKL</p> <p>PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF</p>

Work Order Comments
<p>FOUND SOME SMALL ROOTS AT JOINTS, ALSO ROCKS THAT ARE POSS. FROM A LATERAL THAT WAS HIT BY WATER DEPT. ON 09/25/07 WHILE INSTALLING A CUT & PLUG IN FRONT OF 5685 SOLEDAD MNT. RD. CALLED FOR A FLUSHER CREW VIA STA.#38 TO REMOVE THESE ROCKS. ** RE-TV'D MAIN AFTER CLEANING (09-26-07) AND FOUND THAT ROCKS HAVE BEEN REMOVED AND THE MAIN IS CLEAR AT THIS TIME.</p>

Tabular Report of PLR C12S-026 X for City Of SD

Work Order 3000622	Contract	Video cd	Setup 16
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 09/26/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 317.0 Ft	From C12S-025	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-026	Depth 15.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Up	
Lining	Year laid	Pre-clean	Last Cleaned
General note re-tv to monitor mains		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
		Hydraulic	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-025
00000	0.0		WL Water level				1	
	23.2		CCJ Circular Crack at joint	S	11	06		
	29.1		CN Service Connection		01			
	65.3		CN Service Connection		11			
	104.5		CN Service Connection		02			
	108.8		DE Debris	M				
	114.8		DE Debris	L				ROCKS
	129.0		DE Debris	L				ROCKS
	129.0		SA Survey abandoned					CAN NOT PASS

129.0 Ft Total Length Surveyed

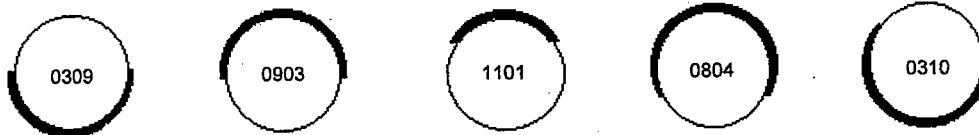
Scores

Structural:	Total 100	Mean Defect 100	Peak 100	Mean Pipe 0.8
Service:	Total 105	Mean Defect 26.3	Peak 75	Mean Pipe 0.8

Notes

Found debris (treanch rocks) starting @ 108' and cam. was able to go 129' up/s will do rev. set up.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See illustration below



Tabular Report of PLR C12S-026 X for City Of SD

Work Order 3000622	Contract	Video cd	Setup 17
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 09/26/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 317.0 Ft	From C12S-026	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-025	Depth 15.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note Reverse set up on sheet:16		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Constructional
		Hydraulic	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				1	C12S-026
	3.1		CB		10			Break in Connection
	3.1		CRA	S	10			Roots around Lateral
	3.7		RJ	S				Roots at joint
	38.6		CN		02			Service Connection
	61.3		CN		10			Service Connection
	99.1		RJ	S				Roots at joint
	101.9		RJ	S				Roots at joint
	106.8		RJ	S				Roots at joint
	110.5		CN		02			Service Connection
	112.6		RJ	S				Roots at joint
	133.3		CN		11			Service Connection
	151.0		RJ	S				Roots at joint
	151.5		RJ	S				Roots at joint
	169.8		WL				0030	Water level
	174.9		CN		02			Service Connection
	175.0		GO					General observation
	190.0		DE	L				Debris
	191.0		SA					Survey abandoned

191.0 Ft **Total Length Surveyed**

Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
	Service:	Total 210	Mean Defect 19.1	Peak 25	Mean Pipe 1.1

Notes

Found some roots at joints (S), also rocks poss. from a lateral that was hit by water dept. on 09/25/07 when installing a cut and plug in front of 5685 soledad mtn. rd. called for a flusher crew via sta.38 to remove these rocks.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See illustration below



Tabular Report of PLR C12S-026 C for City Of SD

Work Order 3000622	Contract	Video cd	Setup 20
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 09/26/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 317.0 Ft	From C12S-025	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-026	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Up	
Lining	Year laid	Pre-clean	Last Cleaned
General note re-tv after removing rocks.		Structural	Service
Location note on soledad mtn. rd.		Miscellaneous	Hydraulic
		Constructional	

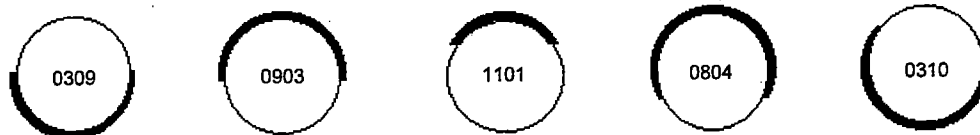
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				10	Water level
	31.3		CN		02			Service Connection
	66.0		CN		10			Service Connection
	106.5		CN		01			Service Connection
	142.5		CN		10			Service Connection
	182.0		CN		02			Service Connection
	204.1		CN		10			Service Connection
	253.5		CN		02			Service Connection
	276.5		CN		10			Service Connection
	312.0		CB		02			Break in Connection
	312.0		CR	M	02			Roots from lateral
	317.0		MH					Manhole/Node
	317.0		FH					Finish of Surveys
								END

317.0 Ft Total Length Surveyed

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 50	Mean Defect 25	Peak 50	Mean Pipe 0.2

Rocks are removed main ic clear at this time.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE													
Intersection													
Location Description										Water/Sewer			
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)										S			
Cross Street Name													
SR #		WO #		Status	Gen Dt	Prty							
3000622		15		CMP	09/26/07	1							
Fac Type				Fac Seq #									
MAIN				8330									
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch													
Requestor Name		Area		Phone #		Contact							
						N							
ES Service Area		Service Area		Field Book Pg		Grid							
W		RC		C12S									
Radio#		Orig Radio#		Thos Bros Pg									
946		946		1248A2									
Job Description													
RE-TV TO MONITOR MAINS (EXTRA SECTION).													
Special Instructions													

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used		
Equip Nbr	Hours	Equipment Type	Operated	Hours
			<input type="radio"/> Yes <input type="radio"/> No	
			<input type="radio"/> Yes <input type="radio"/> No	
			<input type="radio"/> Yes <input type="radio"/> No	

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
9/26/2007 09:19:00	9/26/2007 09:38:14	METRO WASTE WATER DEPT	8203	3	1

Service Request Comments	
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL	
PGED 758..JKL	
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF	

Work Order Comments
EXTRA SECTION, TV'D MAIN GOING D/S AND FOUND MAIN TO HAVE SMALL CRACKS AT SOME JOINTS. @ 95' TO 98' CRACKS AT JOINT. REST OF THIS MAIN IS CLEAR.

Tabular Report of PLR C12S-024 B for City Of SD

Work Order 3000622	Contract	Video cd	Setup 19
Facility 8330	Operator parker	Van Ref 303005	Surveyed On 09/26/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 350.0 Ft	From C12S-024	Depth 15.00 Ft
Shape Circular	Size 8 by ins	To C12S-048	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note extra section re-tv to monitor mains		Structural Service Constructional	
Location note on soledad mtn. rd.		Miscellaneous Hydraulic	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				3	Water level
	2.5		CN		02			Service Connection
	43.3		CN		10			Service Connection
	72.0		CN		02			Service Connection
	95.6		CLJ	S	03			Crack longitudinal at joint
	95.6		CLJ	S	09			Crack longitudinal at joint
	96.4		CMJ	S	02			Cracks multiple at joint
	97.3		CLJ	S	09			Crack longitudinal at joint
	114.2		CN		10			Service Connection
	140.1		CN		02			Service Connection
	190.0		CN		10			Service Connection
	209.1		CN		02			Service Connection
	258.7		CN		10			Service Connection
	261.1		CN		02			Service Connection
	346.0		MH					Manhole/Node
	346.0		FH					Finish of Surveys

346.0 Ft **Total Length Surveyed**

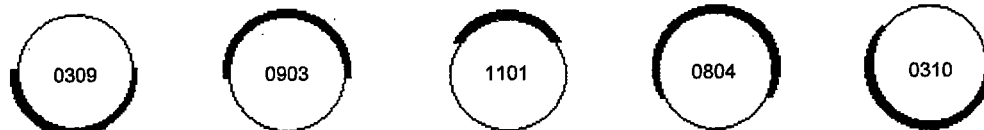
Scores

Structural:	Total 400	Mean Defect 100	Peak 200	Mean Pipe 1.2
Service:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0

Notes

EXTRA SECTION Cracks at some joints (S), 95' to 98' rest of main is clear

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE													
Intersection													
Location Description												Water/Sewer	
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)												S	
Cross Street Name													
SR #		WO #		Status	Gen Dt	Prty							
3000622		16		CMP	09/27/07	1							
Fac Type				Fac Seq #									
MAIN				8314									
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch													
Requestor Name				Area		Phone #		Contact					
								N					
ES Service Area		Service Area		Field Book Pg		Grid							
W		RC		C12S									
Radio#		Orig Radio#		Thos Bros Pg									
946		946		1248A2									
Job Description													
EXTRA SECTION. MONITOR MAINS													
Special Instructions													

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated <input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
9/27/2007 14:44:54	9/27/2007 14:44:55	METRO WASTE WATER DEPT	8202	3	1

Service Request Comments
<p>PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL</p> <p>PGED 758..JKL</p> <p>PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF</p>

Work Order Comments
<p>THIS 8" VC LINED MAIN HAD THE TIRES SLIPPING ON SLIME AND WAS NOT ABLE TO PASS 197'. THIS MAIN IS CLEAR TO THAT POINT AND WAS ABLE TO LAMP MH# 034.</p>

Tabular Report of PLR C12S-033 C for City Of SD

Work Order 3000622	Contract	Video cd	Setup 31
Facility 8314	Operator parker	Van Ref 303005	Surveyed On 09/27/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural Weather Dry			
Pipe Use Sanitary	Sched length 218.0 Ft	From C12S-033	Depth 5.00 Ft
Shape Circular	Size 8 by ins	To C12S-034	Depth 6.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note follow-up tv		Structural	Service
Location note on alley rd for desert view dr.		Miscellaneous	Hydraulic
		Constructional	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				2	Water level
	20.2		CN		09			Service Connection
	55.2		CN		03			Service Connection
	87.1		CN		09			Service Connection
	122.0		CN		03			Service Connection
	160.0		CN		09			Service Connection
	189.7		GO					General observation
	197.6		SA					Survey abandoned

197.6 Ft **Total Length Surveyed**

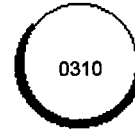
Scores

Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
Service:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0

Notes

This 8" vc lined had the tires slipping on slim and unable to pass 197'. main is clear to this point and was able to lamp to m/h 34. Was able to lamp to m/h 34.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street # Fr Predir		Street Name		Sfx Suite # Juris	
TELEWISE					5715		SOLEDAD MTN		RD SD	
UNSCHEDULED MAINTENANCE										
					Intersection					
					Location Description				Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)				S	
					Cross Street Name					
					Requestor Name		Area		Phone # Contact	
									N	
					ES Service Area		Service Area		Field Book Pg Grid	
					W		RC		C12S	
					Radio#		Orig Radio#		Thos Bros Pg	
					946		946		1248A2	
					Job Description					
					FOLLOW UP TV EXTRA SECTION					
					Special Instructions					

Work Cd		Work Code Desc		Action Code		Action Code Desc	
TV		TV INSPECT		TV03		TELEVISED MAIN COND ASSESS	

Motive Equipment Used				Rental Equipment Used			
Equip Nbr		Hours		Equipment Type		Operated	
						<input type="radio"/> Yes <input type="radio"/> No	
						<input type="radio"/> Yes <input type="radio"/> No	
						<input type="radio"/> Yes <input type="radio"/> No	

Start Date/Time		End Date/Time		Department		Job Order Number		Employees		Hours	
9/27/2007 13:56:59		9/27/2007 13:56:59		METRO WASTE WATER DEPT		8203		3		1	

Service Request Comments											
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL											
PGED 758..JKL											
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION.....MF											

Work Order Comments											
THIS 8" MAIN IS LINED AND ALL LOOKS GOOD											

Tabular Report of PLR C12S-421 C for City Of SD

Work Order 3000622	Contract	Video cd	Setup 30
Facility 8313	Operator parker	Van Ref 303005	Surveyed On 09/27/2007
Street Name 5715 soledad mtn. rd.		City san diego	
Location type Road carriageway			
Surface Chip seal road			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 151.0 Ft	From C12S-421	Depth 6.00 Ft
Shape Circular	Size 8 by ins	To C12S-033	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note follow-up tv		Structural	Service Constructional
Location note on alley rd for desert view dr.		Miscellaneous	Hydraulic

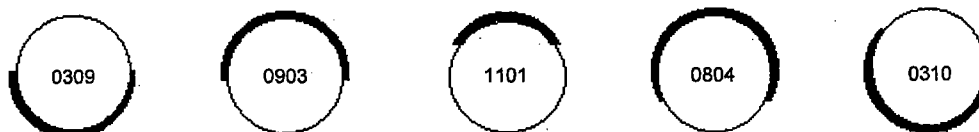
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST Start of Survey					
00000	0.0		MH Manhole/Node					C12S-421
00000	0.0		WL Water level				1	
	48.8		CN Service Connection		09			
	117.2		CN Service Connection		09			
	141.5		CN Service Connection		03			
	153.0		MH Manhole/Node					C12S-033
	153.0		FH Finish of Surveys					end

153.0 Ft **Total Length Surveyed**

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0

This 8" vc main is lined and all looks good.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street # Fr Predir		Street Name		Sfx Suite # Juris	
TELEWISE					5715		SOLEDAD MTN		RD SD	
UNSCHEDULED MAINTENANCE										
					Intersection					
					Location Description				Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)				S	
					Cross Street Name					
					Requestor Name		Area		Phone # Contact	
									N	
					ES Service Area		Service Area		Field Book Pg Grid	
					W		RC		C12S	
					Radio#		Orig Radio#		Thos Bros Pg	
					946				1248A2	
					Job Description					
					TV MAIN					
					Special Instructions					

Work Cd		Work Code Desc		Action Code		Action Code Desc	
TV		TV INSPECT		TV03		TELEVISED MAIN COND ASSESS	

Motive Equipment Used		Rental Equipment Used		
Equip Nbr	Hours	Equipment Type	Operated	Hours
			<input type="radio"/> Yes <input type="radio"/> No	
			<input type="radio"/> Yes <input type="radio"/> No	
			<input type="radio"/> Yes <input type="radio"/> No	

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
10/4/2007 13:04:08	10/4/2007 13:04:09	METRO WASTE WATER DEPT	8203	1	0.1

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
UNABLE TO DO DUE TO SAFETY ISSUES (PER SDPD & SDPD) @ BOTTOM OF LANDSLIDE AREA

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint						Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE						5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE														
Intersection														
Location Description												Water/Sewer		
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)												S		
Cross Street Name														
SR #		WO #		Status	Gen Dt	Prty								
3000622		19		CMP	10/03/07	2								
Fac Type			Fac Seq #											
MAIN			8314											
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch						Requestor Name		Area	Phone #	Contact				
										N				
ES Service Area		Service Area		Field Book Pg		Grid								
W		RC		C12S										
Radio#		Orig Radio#		Thos Bros Pg										
946				1248A2										
Job Description														
TV MAIN														
Special Instructions														

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
10/4/2007 13:16:07	10/4/2007 13:16:07	METRO WASTE WATER DEPT	8203	1	0.1

Service Request Comments

PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL

PGED 758..JKL

PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments

UNABLE TO DO DUE TO THE SAFETY CONCERNS (PER SDPD & SDFD) AT BOTTOM OF LANDSLIDE AREA

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint						Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE						5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE														
Intersection														
Location Description												Water/Sewer		
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)												S		
Cross Street Name														
SR #		WO #		Status	Gen Dt	Prt								
3000622		20		CMP	10/03/07	2								
Fac Type			Fac Seq #											
MAIN			8315											
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch														
Requestor Name		Area		Phone #		Contact								
						N								
ES Service Area		Service Area		Field Book Pg		Grid								
W		RC		C12S										
Radio#		Orig Radio#		Thos Bros Pg										
946				1248A2										
Job Description														
TV MAIN														
Special Instructions														
ENVIRONMENTALLY SENSITIVE AREA. PERMITS MAY BE REQUIRED. CONTACT YOUR SUPERVISOR FOR INSTRUCTIONS.														

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
10/3/2007 20:23:47	10/3/2007 20:23:48	METRO WASTE WATER DEPT	8203	3	2

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
THIS 8" VC MAIN IS LINED AND IS CLEAR AT THIS TIME.

Tabular Report of PLR C12S-034 X for City of SD

Work Order 3000622		Contract		Video cd		Setup 16	
Facility 8315		Operator parker		Van Ref 303005		Surveyed On 10/03/2007	
Street Name 5715 soledad mtn rd.				City san diego			
Location type Road carriageway							
Surface Garden, light shrubs, landscaping							
Survey purpose Specific problems on sewer system related to structural				Weather Dry			
Pipe Use Sanitary		Sched length 171.0 Ft		From C12S-035		Depth 25.00 Ft	
Shape		Size 8 by ins		To C12S-034		Depth Ft	
Material Vitrified clay		Joint Spacing Ft		Direction Up			
Lining Plastic		Year laid		Pre-clean		Last Cleaned	
General note tv mains				Structural		Service	
Location note going up easment				Miscellaneous		Hydraulic	
Video		Count	CD	Code	Sev	Fr	To
00000	0.0		ST	Start of Survey			
00000	0.0		MH	Manhole/Node			C12S-035
00000	0.0		WL	Water level			1
	4.5		SA	Survey abandoned			can not go up this main

4.5 Ft **Total Length Surveyed**

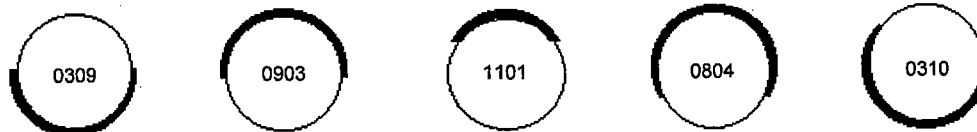
Scores

Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
Service:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0

Notes

Unable to go up/s will do rev setup.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



Tabular Report of PLR C12S-034 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 17
Facility 8315	Operator parker	Van Ref 303005	Surveyed On 10/03/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Garden, light shrubs, landscaping			
Survey purpose Specific problems on sewer system related to structural Weather Dry			
Pipe Use Sanitary	Sched length 171.0 Ft	From C12S-034	Depth Ft
Shape	Size 8 by ins	To C12S-035	Depth 25.00 Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining Plastic	Year laid	Pre-clean	Last Cleaned
General note Reverse set up on sheet:16		Structural	Service
Location note going up easment		Miscellaneous	Hydraulic

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				1	Water level
	37.0		CN		02			Service Connection
	37.0		CR	L	02			Roots from lateral
	57.0		LD					Bend in pipe down
	90.5		LD					Bend in pipe down
	116.1		LD					Bend in pipe down
	148.0		LD					Bend in pipe down
	153.4		LD					Bend in pipe down
	170.0		MH					Manhole/Node
	170.0		FH					Finish of Surveys

170.0 Ft **Total Length Surveyed**

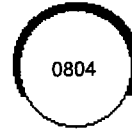
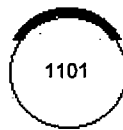
Scores

Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
Service:	Total 75	Mean Defect 37.5	Peak 75	Mean Pipe 0.4

Notes

8" vc main is lined and clear at this time.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



City of San Diego Phone: 858-654-4467 Fax:

SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint						Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE						5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE														
						Intersection								
						Location Description						Water/Sewer		
SR # WO # Status Gen Dt Prty						5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)						S		
3000622 21 CMP 10/03/07 1														
						Cross Street Name								
Fac Type						Fac Seq #								
MAIN						8306								
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch						Requestor Name		Area	Phone #	Contact				
										N				
ES Service Area		Service Area		Field Book Pg		Grid								
W		RC		C12S										
Radio#		Orig Radio#		Thos Bros Pg										
946		946		1248A2										
Job Description														
EXTRA SECTION/ PIPE INTEGRITY/ AFTER LANDSLIDE.														
Special Instructions														

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
10/3/2007 20:41:12	10/3/2007 20:41:12	METRO WASTE WATER DEPT	8203	3	1

Service Request Comments
<p>PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL</p> <p>PGED 758..JKL</p> <p>PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF</p>

Work Order Comments
<p>TV'D MAIN AND FOUND 3 LATERALS ON THE LEFT AND 3 ON THE RIGHT. SOME LATERALS HAVE ROOTS IN THEM. BROKEN JOINT @ 226.7'. PIPE BENDS DOWN AND IS FULL OF DIRT @ 229.4' AND THE CAMERA CAN NOT PASS.</p>

Tabular Report of PLR C12S-025 X for City of SD

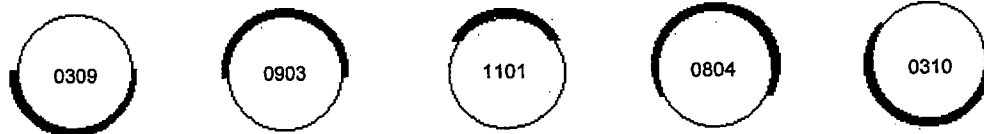
Work Order 3016113		Contract		Video cd		Setup 15	
Facility 8306		Operator parker		Van Ref 303005		Surveyed On 10/03/2007	
Street Name 5715 soledad mtn. rd.				City san diego			
Location type Road carriageway							
Surface Chip seal road							
Survey purpose Specific problems on sewer system related to structural				Weather Dry			
Pipe Use Sanitary		Sched length 320.0 Ft		From C12S-025		Depth 15.00 Ft	
Shape Circular		Size 8 by ins		To C12S-024		Depth Ft	
Material Vitrified clay		Joint Spacing Ft		Direction Down			
Lining		Year laid		Pre-clean		Last Cleaned	
General note tv for pipe integrity				Structural		Service	
Location note on st.				Miscellaneous		Hydraulic	
Video		Count	CD	Code	Sev	Fr	To Value Remarks
00000	0.0		ST	Start of Survey			
00000	0.0		MH	Manhole/Node			C12S-025
00000	0.0		WL	Water level			50
	1.0		MH	Manhole/Node			C12S-024
	1.0		FH	Finish of Surveys			end

1.0 Ft **Total Length Surveyed**

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0

**After starting survey st. caved in. cam. stuck coming back in
fsn 8307**

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See illustration below



Tabular Report of PLR C12S-025 B for City of SD

Work Order 3000622	Contract	Video cd	Setup 20
Facility 8306	Operator parker	Van Ref 303005	Surveyed On 10/03/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Garden, light shrubs, landscaping			
Survey purpose Specific problems on sewer system related to structural Weather Dry			
Pipe Use Sanitary	Sched length 320.0 Ft	From C12S-024	Depth 20.00 Ft
Shape Circular	Size 8 by ins	To C12S-025	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Up	
Lining	Year laid	Pre-clean	Last Cleaned
General note extra section per mike b.		Structural	Service
Location note going to the break		Miscellaneous	Hydraulic
Constructional			

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				3	Water level
	33.0		CN		02			Service Connection
	49.0		CN		10			Service Connection
	108.2		CN		02			Service Connection
	108.2		CR	S	02			Roots from lateral
	114.9		RJ	S				Roots at joint
	117.4		CN		11			Service Connection
	117.4		CR	L	11			Roots from lateral
	182.0		RJ	S				Roots at joint
	183.6		CN		11			Service Connection
	183.6		CR	L	11			Roots from lateral
	185.9		CN		02			Service Connection
	185.9		CR	L	02			Roots from lateral
	220.2		RJ	S				Roots at joint
	223.2		RJ	S				Roots at joint
	226.7		CMJ	L	04			Cracks multiple at joint
	226.7		LD					Bend in pipe down
	229.4		B	L	12			Broken Pipe
	229.4		GO					General observation
	229.4		SA					Survey abandoned

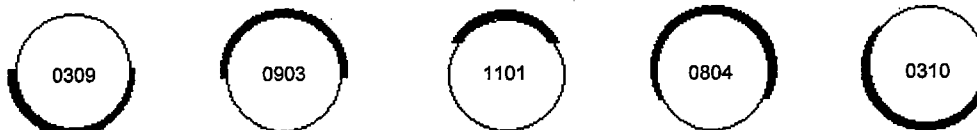
229.4 Ft **Total Length Surveyed**

Scores	Structural:	Total 800	Mean Defect 266.7	Peak 500	Mean Pipe 3.5
	Service:	Total 345	Mean Defect 38.3	Peak 75	Mean Pipe 1.5

Notes

Found 6 laterals (3 on the left and 3 on the right) some laterals have roots from them, broken joint @ 226.7' pipe bends down and is full of dirt @ 229.4' and cam. can not pass that.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE					5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE													
Intersection													
Location Description												Water/Sewer	
5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)												S	
Cross Street Name													
SR #		WO #		Status	Gen Dt	Prt							
3000622		22		CMP	10/03/07	1							
Fac Type		Fac Seq #											
MAIN		8318											
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch													
Requestor Name		Area		Phone #		Contact							
						N							
ES Service Area		Service Area		Field Book Pg		Grid							
W		RC		C12S									
Radio#		Orig Radio#		Thos Bros Pg									
946		946		1248A2									
Job Description													
EXTRA SECTION / AFTER LANDSLIDE.													
Special Instructions													

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used			
Equip Nbr	Hours	Equipment Type	Operated	Hours	
			<input type="radio"/> Yes <input type="radio"/> No		
			<input type="radio"/> Yes <input type="radio"/> No		
			<input type="radio"/> Yes <input type="radio"/> No		

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
10/3/2007 20:33:38	10/3/2007 20:33:38	METRO WASTE WATER DEPT	8203	3	1

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
FOUND SMALL- MEDIUM- LARGE ROOTS CONTINUOUS AT JOINTS THROUGH-OUT MAIN.

Tabular Report of PLR C12S-036 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 19
Facility 8318	Operator parker	Van Ref 303005	Surveyed On 10/03/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Garden, light shrubs, landscaping			
Survey purpose Specific problems on sewer system related to structural Weather Dry			
Pipe Use Sanitary	Sched length 80.0 Ft	From C12S-036	Depth 20.00 Ft
Shape	Size 8 by ins	To C12S-037	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note extra section		Structural	Service
Location note going up easment		Miscellaneous	Constructional
		Hydraulic	

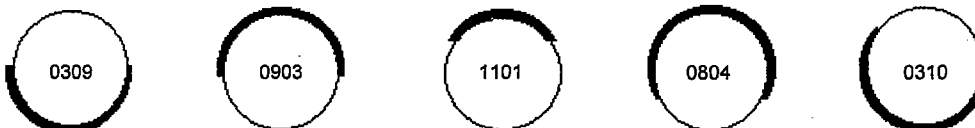
Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					Manhole/Node
00000	0.0		WL				10	Water level
	3.0		RJ		M			Roots at joint
	10.0		RJ		S			Roots at joint
	20.2		RJ		S			Roots at joint
	29.0		RJ		L			Roots at joint
	31.7	S1	R		S			Roots
	84.0	F1	R		S			Roots
	84.0		MH					Manhole/Node
	84.0		FH					Finish of Surveys

84.0 Ft **Total Length Surveyed**

Notes	Scores	Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
		Service:	Total 275	Mean Defect 13.1	Peak 100	Mean Pipe 3.3

Found roots continuous at joints (S,M,L) through out.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint						Street #		Fr	Predir	Street Name		Sfx	Suite #	Juris
TELEWISE						5715				SOLEDAD MTN		RD		SD
UNSCHEDULED MAINTENANCE														
						Intersection								
						Location Description						Water/Sewer		
						5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)						S		
						Cross Street Name								
						Requestor Name		Area	Phone #		Contact			
											N			
						ES Service Area		Service Area		Field Book Pg		Grid		
						W		RC		C12S				
						Radio#		Orig Radio#		Thos Bros Pg				
						946		946		1248A2				
						Job Description								
						EXTRA SECTION / CHECKING FOR PIPE INTEGRITY/ AFTER LANDSLIDE								
						Special Instructions								

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
10/3/2007 20:29:05	10/3/2007 20:29:08	METRO WASTE WATER DEPT	8203	3	1

Service Request Comments
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL
PGED 758..JKL
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF

Work Order Comments
FOUND 1 CIRCLAR CRACK. THERE ARE MANY SMALL & LARGE ROOOTS AT JOINTS AS WELL AS LARGE ROOTS IN MH#036.

Tabular Report of PLR C12S-035 X for City of SD

Work Order 3000622	Contract	Video cd	Setup 18
Facility 8317	Operator parker	Van Ref 303005	Surveyed On 10/03/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Garden, light shrubs, landscaping			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 60.0 Ft	From C12S-035	Depth 25.00 Ft
Shape	Size 8 by ins	To C12S-036	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note extra section		Structural	Service
Location note going up easment		Miscellaneous	Hydraulic
Video	Count	CD	Code
00000	0.0		ST Start of Survey
00000	0.0		MH Manhole/Node
00000	0.0		WL Water level
	22.7		CCJ Circular Crack at joint
	25.8		RJ Roots at joint
	36.0		RJ Roots at joint
	38.4		RJ Roots at joint
	44.5		RJ Roots at joint
	48.0		RJ Roots at joint
	48.0		CB Break in Connection
	48.0		CR Roots from lateral
	48.0		RJ Roots at joint
	55.0		R Roots
	57.0		MH Manhole/Node
	57.0		FH Finish of Surveys

57.0 Ft **Total Length Surveyed**

Scores

Structural:	Total 100	Mean Defect 50	Peak 100	Mean Pipe 1.8
Service:	Total 625	Mean Defect 69.4	Peak 275	Mean Pipe 11

Notes

Found 1 cir. crack, roots at many joint (S,L) and roots in m/h 36 (L).

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below



SWIM Workorder

Printed on: 10/4/2007

Nature of Complaint					Street # Fr Predir		Street Name		Sfx Suite # Juris	
TELEWISE					5715		SOLEDAD MTN		RD SD	
UNSCHEDULED MAINTENANCE										
					Intersection					
					Location Description				Water/Sewer	
					5715 SOLEDAD MAOUNTAIN ROAD (CORRECT ADDRESS)				S	
					Cross Street Name					
SR #		WO #		Status	Gen Dt	Prt				
3000622		24		CMP	10/04/07	1				
Fac Type		Fac Seq #								
MAIN		8307								
<input type="checkbox"/> Complete <input type="checkbox"/> Sketch					Requestor Name		Area	Phone #	Contact	
									N	
ES Service Area		Service Area		Field Book Pg		Grid				
W		RC		C12S						
Radio#		Orig Radio#		Thos Bros Pg						
946		946		1248A2						
Job Description										
RE-TV PER MIKE B.										
Special Instructions										
FSN LEADING INTO LANDSLIDE AREA										

Work Cd	Work Code Desc	Action Code	Action Code Desc
TV	TV INSPECT	TV03	TELEVISED MAIN COND ASSESS

Motive Equipment Used		Rental Equipment Used	
Equip Nbr	Hours	Equipment Type	Operated
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No
			<input type="radio"/> Yes <input type="radio"/> No

Start Date/Time	End Date/Time	Department	Job Order Number	Employees	Hours
10/4/2007 13:02:19	10/4/2007 13:02:21	METRO WASTE WATER DEPT	8203	3	2

Service Request Comments
<p>PER 946 REQ FLUSHER CREW TO FLUSH FSN#8307 ON 8"VC MAIN, CAN HOLD..PAGED 8794..JKL</p> <p>PGED 758..JKL</p> <p>PER 758, ASSISTED IN FLUSHING MAIN FOR CITY PROTECTION....MF</p>

Work Order Comments
<p>RE-TV'D FSN TO LOCATE LATERALS THAT COULD BE IN USE.</p>

Tabular Report of PLR C12S-026 C for City of SD

Work Order 3000622	Contract	Video cd	Setup 22
Facility 8307	Operator parker	Van Ref 303005	Surveyed On 10/04/2007
Street Name 5715 soledad mtn rd.		City san diego	
Location type Road carriageway			
Surface Garden, light shrubs, landscaping			
Survey purpose Specific problems on sewer system related to structural		Weather Dry	
Pipe Use Sanitary	Sched length 317.0 Ft	From C12S-026	Depth 11.50 Ft
Shape Circular	Size 8 by ins	To C12S-25	Depth Ft
Material Vitrified clay	Joint Spacing Ft	Direction Down	
Lining	Year laid	Pre-clean	Last Cleaned
General note per mike b.		Structural	Service
Location note going to the break		Miscellaneous	Constructional
		Hydraulic	

Video	Count	CD	Code	Sev	Fr	To	Value	Remarks
00000	0.0		ST					Start of Survey
00000	0.0		MH					C12S-026
00000	0.0		WL				1	
	2.0		CB		10			
	2.3		CR	L	10			
	39.6		CN		02			
	62.4		CN		11			
	67.4		GO					cable on bottom of pipe
	111.9		CN		02			
	134.2		CN		11			
	173.8		CN		02			
	209.8		CN		10			
	249.2		CN		02			
	280.2		LD					
	280.3		LR					
	280.3		SA					

280.3 Ft **Total Length Surveyed**

Scores

Structural:	Total 0	Mean Defect 0	Peak 0	Mean Pipe 0
Service:	Total 75	Mean Defect 37.5	Peak 75	Mean Pipe 0.3

Notes

Tved to find laterals that could be in use.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below

